



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 32

OAK RIDGE, TENNESSEE

Tuesday, August 23, 1949



Carbide Host To Educators At Y-12 Lunch

Carbide and Carbon Chemicals Corporation was host to a group of 43 faculty members of 24 leading universities of the nation, most of them in the South, at a luncheon at the Y-12 cafeteria last Wednesday afternoon as the visiting scientists paid a visit to the Y-12 installation.

Visitors Engaged In Research

The visitors are engaging in scientific research work in the three Carbide installations in Oak Ridge that are operated for the Atomic Energy Commission.

Dr. C. S. Lind, technical advisor for Clark Center, Carbide General Superintendent for Oak Ridge installations, was chairman at the session. He welcomed the visitors to the Carbide Oak Ridge operations and then introduced Dr. E. E. Larson, Y-12 Superintendent.

Dr. Shipley Explains Program

Dr. Larson, in turn, introduced Dr. E. D. Shipley, of Y-12, who described the research and development program now underway in Y-12 for the benefit of the visiting group.

Following Dr. Shipley's explanation, Dr. Lind introduced K-25 Superintendent W. B. Humes, who thanked the visiting educators for their contributions to Carbide efforts in the past several years. Several of the visitors have engaged in research work in Oak Ridge during the past two or three years.

Then the program of the K-25 plant was explained by Dr. Sylvan Cromer, Superintendent of Engineering Development; and Dr. Frank Hurd, Superintendent of the Laboratory Division.

ORNL Work Is Described

The extensive radioisotope work being done at the Oak Ridge National Laboratory then was described to the luncheon guests by Dr. Albert Weinberg.

Among the visiting educators assigned to Y-12 for summer work is Dr. Douglas Hill, of Duke University.

Oak Ridge Survey To Establish Lines

Specific boundaries for streets, lots and public grounds in Oak Ridge are to be established by a survey being made by the engineering firm of Michael Baker, Jr., Inc., of Rochester, Pa.

The Atomic Energy Commission has announced that the survey will be important in the event Oak Ridge becomes incorporated. The survey will establish markers where none now exist, verify location of existing markers, establish property lines with iron markers at each corner and prepare legal descriptions of property which may be needed to fix boundaries of roads, public grounds and buildings.

Camera Regulations Relaxed By AEC

Camera fans, both in Oak Ridge and visitors, now may take pictures without restriction in any part of the area outside of the Atomic Energy Commission control area, it has been announced. Approval for pictures within the control area, including plant territory, must be obtained through security authorities.

R-A Housing Office Now In Corning Hall

The attention of Y-12 employees who rent living quarters in Oak Ridge is called to the fact that the Roane-Anderson Co. housing offices now are located in Corning Hall, on West Tyrone Road, Corning Hall is west of the Atomic Energy Commission city administration building and east of the Sharp and Holley Funeral Home.

Other Offices To Close

With the moving of the offices, effective yesterday, Monday, August 22, rent collection stations at Jefferson Circle, Townsite and at the main Roane-Anderson Co. office on the Oak Ridge Turnpike, will be closed. Therefore, in the future, all rent payments will be made at the new housing office in Corning Hall or at the station at Grove Center. The Grove Center office is only open the first and last weeks of each month.

The telephone numbers of the new housing office in Corning Hall will remain unchanged. The number is 5-1367 for the main housing office and 5-1361 for the service desk.

Company Says Move Convenient

According to W. C. Taylor, manager of the Roane-Anderson housing division, the change in location of the housing office will be more convenient for the public and enable the company to give better service. Taylor also said that the entire Roane-Anderson housing operations will be conducted in the new office, including the office where building permits are obtained.

Physics Seminar Sessions Cancelled For Two Weeks

Sessions of the Oak Ridge Physics Seminar scheduled for August 26 and September 2 have been cancelled because of the physics symposium being conducted by the Oak Ridge Institute of Nuclear Studies. This symposium started Monday, August 22, and will continue through Friday, September 2.

A number of Y-12 scientists have been attending the seminar sessions and also will be present at meetings of the Institute symposium.

SNOWBANKS ARE MEASURED

Dr. L. W. Foskett, of the United States Weather Bureau, reports that the bureau recently used radiocobalt 65 and radiocobalt 66 in accurately gaging of water content of snowbanks at Donner Summit, Cal., according to recent news dispatches.



Y-12 Photos By Vince Moore
ACTIVITIES AT THE CARBIDE LUNCHEON IN HONOR of visiting educators held last Wednesday in the Y-12 cafeteria are pictured above. At left above Dr. C. E. Larson, Y-12 Superintendent, addresses the visitors. At his right is Richard Cook, acting manager of the Oak Ridge Directed Operations of the Atomic Energy Commission. At the left of Dr. Larson is Dr. S. C. Lind, chairman of the meeting. Then is seated W. B. Humes, K-25 Superintendent. At left above, Dr. E. D. Shipley, of Y-12, describes Y-12 operations to the visitors. A group picture of the guests is shown below.

Proper Wearing Of Y-12 Badges Aids Plant Security Program

Y-12 plant policy and regulations require that every employee be identified by an approved badge while he or she is at work within the plant area.

The regulations also provide that these badges, bearing pictures of the employees, be worn in plain view on the outer clothing. The preferred location is on a collar lapel, whenever possible, where the identification easily can be seen by plant guards and others concerned.

Proper wearing of badges not only expedites movements of employees within the Y-12 plant area but also serves as a authorization for some employees to be in certain inner areas where their work duties require them to be.

Efficiency of the plant security program also is aided by the proper wearing of badges at all times as the badges immediately identify the wearers as approved employees. Persons not possessing proper badges or temporary passes are presumed to have entered the plant without authority and plant regulations provide that anyone found in the Y-12 area without a proper badge or temporary pass displayed in plain view be detained by the Guard Department until proper identification is established.

May Avoid Loss Of Time

To avoid possible loss of time at work because of failure to properly display the badge, it is suggested that every Y-12 employee properly place their badges in proper position before entering the Atomic Energy Commission control area gate and wear them in the same position throughout the day, removing them only after having passed out of the AEC control area.

SAFETY SCOREBOARD

Your Plant Has
Operated
57 DAYS
Without A Lost Time
Accident
THROUGH AUG. 18

Plant Absenteeism Again Shows Drop

Plant absenteeism in Y-12 took a .3 per cent drop for the week ending August 14 from the previous week's mark of 3.8, the most recent figures being 2.5 per cent. Six departments, all in the Minor League with 15-49 employees listed, reported perfect attendance marks for the week ending August 14.

Two Leaders Repeat

In the Major League of departments with more than 50 employees scheduled, Dept. 2014, Buildings and Grounds, held first place for the third week in succession. Its absenteeism record for the week ending August 14 was .7 per cent. Dept. 2360, Isotope Research and Production, repeated in second place with an absenteeism record of 1.1 per cent. In third place, advancing from sixth, was Dept. 2283, Assay Laboratory.

Three of the Minor League departments with perfect attendance figures were repeaters from the previous week. They were Dept. 2009, Maintenance Automotive Equipment; Dept. 2107, Cafeteria and Canteens; and Dept. 2002, General Maintenance Office, Planning and Estimating Dept. 2739, Uranium Control and Computing, in second place the preceding week, advanced to a tie with the other leaders; as did Dept. 2005, Maintenance Utilities; and Dept. 2096, Laundry. The latter two rose from fourth and 13th places respectively.

Steam Plant Advances

In second place in the Minor League was Dept. 2743, Steam Plant, which had an absentee mark of only .7 per cent and advanced from eighth place. Third place was held by the firemen of Dept. 2093 with .8 per cent of its personnel absent. The Fire Department was in a first place tie the preceding week with no absences reported.

The Y-12 absenteeism record for (Continued On Page 4)

One-Armed Man Builds Own Home

A Tacoma, Wash., story tells of a one-armed carpenter, Oscar Sundin, 55, who built his house with one hand. He lost his left arm in an industrial accident in 1941.

The house has four rooms, bath and an unfinished attic. Sundin handled nails and a saw with surprising ease but had trouble handling 45-pound cement blocks with just one hand. However, he did all of the work himself with the exception of putting up rafters and installing some of the plumbing. Relatives and neighbors helped him there.

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ORCMA Offers Fine Musical Presentations



Waldo Cohn

An exceptionally fine series of musical programs will be offered during the coming season under the auspices of the Oak Ridge Civic Music Association with offerings by the Oak Ridge Symphony Orchestra and guest artists and the Oak Ridge Community Chorus. Tickets Available In Y-12

The association has launched its seasonal ticket sale this week and Y-12 music lovers may obtain membership subscription blanks and information regarding the various concerts from Dr. Russell Baldock, telephone 7426; Joe S. Culver, telephone 7315; and Ben Harmatz, telephone 7-8444. All of these are Y-12 employees.

The Oak Ridge Symphony Orchestra, under the direction of Waldo Cohn; has scheduled five concerts for the season. The Oak Ridge Community Chorus has set three performances for the period, with dates to be announced later.

Season tickets for the association offerings sell for \$7.50. They include admission to the orchestra and chorus concerts and coffee concerts, to be held about once monthly. Reserved seats at the Oak Ridge High School auditorium will be assigned according to order of receipt of memberships.

First Concert October 12

The first concert of the season will be by the orchestra on October 12 with Sylvia Zarembo, pianist, as guest soloist. Percy Grainger, internationally known pianist, will be guest soloist with the orchestra December 5. The guest artist for a concert January 18, 1950, is yet to be announced. Fredy Wang, violist, will appear February 15 with the orchestra and on March 15 the duopiano team of Miller and Herrod will appear.

As an additional feature for ticket holders in the association, for \$1 extra a ticket may be obtained for the concert to be given by the operatic singer, Gladys Swarthout, with the Knoxville Symphony Orchestra, in Knoxville, April 18.

Ruptured Appendix Should Be Avoided

If suffering from an unusual abdominal pain, don't take laxatives or home remedies and don't take food or liquids except water, advises the Metropolitan Life Insurance Co. The pain may mean that the appendix is inflamed. If so, burdening the intestine with food or taking a laxative might result in a ruptured appendix, the cause of most deaths from appendicitis.

"Drink," said the Irish vicar, "is the curse of the country. It makes ye quarrel with your neighbors. It makes ye shoot at yer landlord, and it makes ye miss him."



Fellow employees gave a stork shower for Dora Tindall, Dept. 2282, August 15, at the home of Eunice Jones, 102 Jarrett Lane . . . Guy Wells' daughter, sSonja, and Allin Stephens' son, Allin, Jr., were among the youth group from the Methodist Church who went on a camping trip to Cherokee Lake recently . . . Emmett Dittman and his family attended a Lutheran Sunday School picnic at Grove picnic grounds, August 14 . . . During their vacation J. E. Patterson and his family first went to Atcheson City, Kan., to visit with Mrs. Patterson's parents—spending the latter part of their time with Patterson's parents in St. Paul, Minn. . . . Nell Tribelcox, Dept. 2282, and her husband, Paul, Dept. 2616, vacationed in Plymouth and Pittsburgh, Pa. . . . Get well wishes are extended to Elva Combs, Dept. 2282, who underwent an operation at the East Tennessee Baptist Hospital in Knoxville recently.

Dept. 2096 reports Sarah Brown was on the sick list last week.

L. F. Koontz, Dept. 2060, took a vacation trip to Lazelette, N. J. . . . H. F. Akin is back on the job after vacationing in West Tennessee. . . . way during his vacation. . . . G. J. J. C. Little traveled up Minnesota Big Ridge Park and reports that Big Ridge Park an dreports that because of rain he was unable to do much boat sailing or sunning. . . . W. M. Hopkins returned recently from a vacation spent in Atlantic City, N. J. . . . Emil Vincens spent a restful week at his home in Knoxville . . . Ann Hamilton and her husband took an intermission at Myrtle Beach, S. C. . . . W. E. Garry and Carl Roddy were not in the traveling mood during their vacation. They spent their time just loafing around their homes in Oak Ridge. . . . Get well quick wishes are extended to J. Clyde Bowles who underwent an operation at the Fort Sanders Hospital in Knoxville last week.

Fire Chief J. W. Hughey, Dept. 2093, and his family spent last week visiting in Memphis . . . H. R. ville . . . Ralph McNatt traveled to in Sieverville, Tenn. . . . C. F. Chris-Baker and his family vacationed in Fontana Dam and Shelbyville, Tenn., during his vacation . . . Deepest sympathy is extended T.P. Pride and his family in the death of Mrs. Pride's father, John H. Brogan, of Lake City, August 14.

Cecil Hurtt, Edna Justice and Susie Maxfield were reported on the vacation list in Dept. 2283 last week . . . Evelyn Brown took in the sights in Cleveland, Ohio, during her vacation.

Emma Puckett, Dept. 2142, has been having her share of troubles of late. During the latter part of her vacation, which was spent visiting with relatives in Shelbyville, Tenn., she had an attack of appendicitis and is now recuperating in a Kentucky hospital. . . . Lucia Padgett is vacationing at her home in Knoxville . . . Eva Russel will travel to Asheville, N. C., and on to Washington, D. C., while on vacation . . . Get well wishes are extended to J. D. McGuffin's son, who is recuperating at his home after undergoing a tonsillectomy at the Oak Ridge Hospital.

Dept. 2115 extends get well wishes to Lucille Whitman who continues on he sick list.

Irene Turner, Dept. 2133, and her husband are sporting a new blue Dodge car. We wish them happy motoring . . . R. R. Tippy plans to take life easy at St. Augustine during his vacation . . . Tom Narcrosse is visiting with home folks in St. Louis, Mo.

R. H. Sharp, Dept. 2001, and his family are vacationing in Decatur, Ala., and points of interest in Virginia.

Dept. 2360 extends get well wishes to R. L. Bailey who is ill in the Oak Ridge Hospital. . . . W. C. Davis and his family traveled away out Texas way to Texarkana while on vacation.

Employees vacationing in Dept. 2014 are P. Y. Miller, L. K. Flynn and Timothy Ware . . . W. T. Bradshaw plans to motor to Dayton, Ohio, the first week of his vaca-



JAY WHITCOMB, EIGHT-YEAR-OLD SON OF JAMES R. WHITCOMB, DEPT. 2109, REALLY had a big time at Camp Le Conte, a private institution for youngsters in the Smoky Mountains, during his vacation. At left Jay is shown standing in front of his camp cabin and relaxing in a cool mountain creek. Then Jay got the camera craze and took a new Brownie, present from his dad, and snapshot some of his young pals at the Cherokee Indian Reservation in the picture at the right. While at camp Jay won an award for marksmanship, another for "Camper of the week," participated in the camp horse show and also in the midget track meet. In the camp newspaper, Jay was called "The Atom From Oak Ridge."

Y-12 Photos By Vince Moore

tion—spending the last week at his home with a fishing trip or two on the side if he gets up enough energy—so he reported before leaving.

Dept. 2360 wishes a speedy recovery to Louise Hall who is ill in the East Tennessee Baptist Hospital in Knoxville . . . Roy Goslin made a week-end trip to Nashville to pick up his family who have been visiting with relatives. . . . The newest papa in Dept. 2360 is P. L. Holland who proudly reports the arrival of a baby girl, Teresa Ann, weighing six pounds and four ounces, born in a Chattanooga hospital, July 27. . . . Joe Patton and his wife motored to Myrtle Beach, S. C., for a week of relaxation during their vacation.

R. G. Orrison, Dept. 2200, is back on the job after a vacation trip to Alabama.

Mike Getsi, Dept. 2077, traveled up Pennsylvania way during his vacation . . . Sam King and T. L. McCreary are on the vacation list. Evan Means went on a camping trip with Boy Scouts of Troop No. 225 to Watts Bar lake recently and reports he finally caught a crappie which measured more than 12 inches in length. To be technical the assistant scoutmaster measured the fish and reported it measured 12 and five-sixteenths inches long.

T.B. Osborne, Dept. 2091, and his family visited points of interest in West Tennessee while on vacation.

B. F. Nicely, Dept. 2005, is spending his vacation just hanging around home in Knoxville with a side trip to his brother's farm.

Charlie Greene, Dept. 2015, had no definite plans for his vacation—just said he would take off in his car and where he ended up he would know when he got there . . . Get well wishes are extended to E. F. Dyke, H. C. Garener and J. H. McCulley, who are on the sick list . . . C. G. Hubbard plans to visit in the states of Mississippi and Oklahoma while on vacation . . . B.B. Forster is back on the job after vacationing . . . J. T. Thomas is



One birth was reported at the Oak Ridge Hospital to a Y-12 family recently. Parents were Mr. and Mrs. Homer Jenkins, a son, August 11.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Betty Jane Sherman, Dept. 2282; Floyd R. Wilkerson, Dept. 2282; Dell C. Walker, Dept. 2616; Robert L. Bailey, Dept. 2360; H. C. Gardner, dDept. 2014; Patrick C. Dabbs, Dept. 2091.

spending his vacation down Mississippi way.

O. B. Rudolph, Dept. 2360, and his wife, Graham, Dept. 2046, spent the past week end in Kingsport, Tenn., attending the Shrine ceremonies . . . Phyllis Finneran traveled via plane to Creason Beach, S. C., for a week-end of fun.

Leatha Daniels, Dept. 2090, plans to visit in Biloxi, Miss., and New Orleans, La., while on vacation.

Dorothy Caldwell, Dept. 2300, and some friends from Clinton, motored intermission of fishing and sunning. A picnic was given in honor of V. L. Saine, at concord picnic grounds August. About 30 folks turned out for the event and the main attraction were those big broiled steaks which were cooked on an outside grill with all the trimmings.

Geneva Carter, Dept. 2143, and her husband are vacationing in Nashville . . . During their vacation Paul Snodgrass and his family are entertaining Mrs. Snodgrass' sister, Thelma Lovelace, of Washington, D. C. . . . Polly Arnold is visiting with relatives in Erwin, Tenn.

Additions To Y-12 Technical Library

MATHEMATICS
THE THEORY OF POTENTIAL AND SPHERICAL HARMONICS. Second edition, by Wolfgang Sternberg and Turner L. Smith. Toronto University Press, 1946. QA 825; S 839.

PHYSICS
FOUNDATIONS OF NUCLEAR PHYSICS, edited by Robert Thomas Beyer. mas Beyer. N. Y., Dover Pubs., 1949. QC 173; B 573.

CHEMISTRY
RECENT ADVANCES IN ORGANIC CHEMISTRY. Seventh edition, by Alfred Walter Stewart and Hugh Graham. N. Y., Longmans, Green & Co., 1948. QD 251; S 851.

MEDICINE
THE 1948 YEAR BOOK OF RADIOLOGY. Chicago, The Year Book Pubs., 1948. R 101; Y 39.

TECHNOLOGY
HEATING, VENTILATING, AIR CONDITIONING GUIDE. 27th edition, N. Y., American Society of Heating and Ventilating Engineers, 1949. TH 7212; H 441.

A KEY TO POTTERY AND GLASS, by Bernard Rackham. London, Blackie and Son, Ltd., 1940. TP 791; R 122.

A MANUAL OF AIRBRUSH TECHNIQUE, by J. Carroll Tobias. Boston, American Photographic Pub. Co., 1941. N 8530; T 629.

RADIO WAVE PROPAGATION . . . by the U. S. Office of Scientific Research and Development. National Defense Research Committee. N. Y., Academic Press, 1949. TK 6553; U 58.

REFERENCE
STANDARD METAL DIRECTORY. 11th edition N. Y., Atlas Pub. Co., 1948. TS 203; S 785.

10-IN-ONE DICTIONARY OF BASIC LANGUAGE. . . N.Y., Ackerman Inc., 1945. P 361; R 686.



HATCHER-SMITHERS

Miss Irene Smithers, of Oak Ridge, and Stewart Hatcher, a Y-12 employee in Dept. 2014, were married at 5 p.m., August 6, at the home of Rev. R. E. Martin in Knoxville.

The bride is the daughter of Mr. and Mrs. R. L. Smithers, of 582 Robertsville Road. Smithers also is an employee of Y-12 in Dept. 2014. Hatcher is the son of the late Mr. and Mrs. James Hatcher.

At her wedding the bride wore a navy blue suit with white accessories.

Mrs. Roy Venyard, of Oak Ridge, cousin of the groom, was maid of honor and her husband was best man.

Attendants at the wedding included the immediate family.

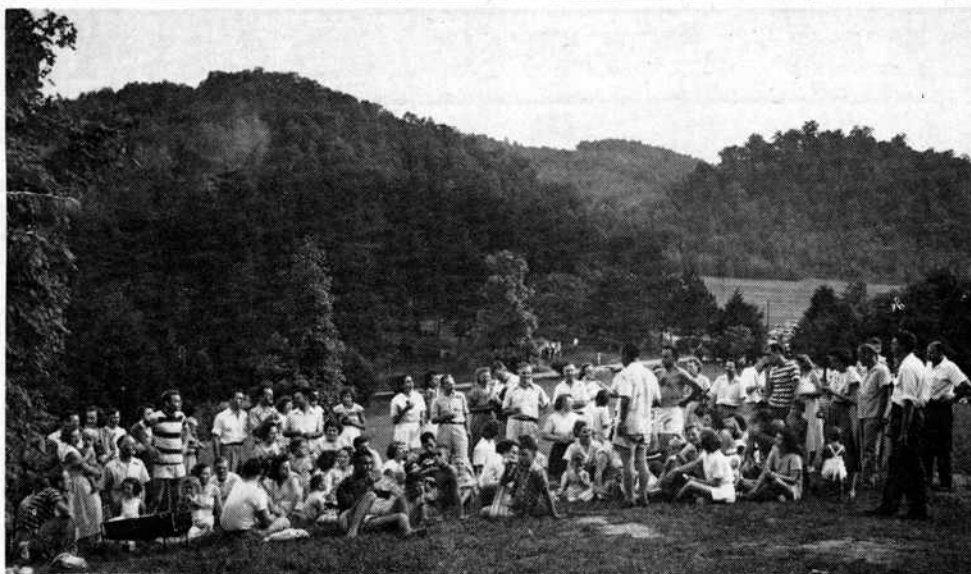


save YOURS with goggles!



"DOUBLY NICE" TRULY IS A GOOD DESCRIPTION FOR the eyes of Leatha Daniels, Dept. 2090, featured in the latest Y-12 photo calendar poster urging use of goggles on prescribed jobs. The lower strip of pictures show jobs and location where wearing of goggles while at work is required.

Y-12 Photos By Vince Moore



CHEMICAL RESEARCH AND TECHNICAL SERVICE LABORATORY EMPLOYEES OF Y-12, members of their families and friends had an enjoyable outing and picnic recently at popular Big Ridge Park. Here are some of the activities at the affair snapped by The Y-12 Bulletin Photographer. At top left is shown the entire party of guests. At right Glenn Clewett takes a movie shot of a group composed of Janet Cisar, Douglas Hill, Mike Susano, Betty and Donna Daley, Mildred Tilson and son Gary, Roberta McCutcheon and son Terry, Bill Lowry and Bill Arendale. The vertical sequence of pictures shows more activities at the picnic. A lot of things around a chemical laboratory smell bad but the odors are nothing to those dispensed by the umpiring of C. D. Susano, foreground, in a softball game. "Susy" is garbed in appropriate umpirical garb, including tin cup, glasses and cane. Expressing disapproval are George Marrow, Claude Haws, Margaret O'Neill, Mike Susano and Ted Higgins. A group of mothers and youngsters are next. They include Ann Ryon holding daughter Peggy, Mariam Ward, holding son Charles, Betty Daley and daughter Donna, Mary Evelyn Haws and son Carter, Lorraine Brady and daughter Linda and Dickie Ryon holding the dart board. The group closely measuring horseshoe tosses are Frank Scheitlin, Ted Higgins, John Schmitt and George Marrow. At bottom a hot croquet game is being scored by Ward Foster, right, Myrtle Nessel is wielding the mallet and the spectators include El-oise Susano, Henry Hous, Margaret O'Neill, Judy and Emily Kuhn, Ann Ryon, Sue McKinnon, Helen Grady, Mary Evelyn Haws, Betty Daley, Ruth and Frank Scheitlin, Elizabeth Patrick and Warren Grimes.

Chemical Workers Enjoy Picnic At Big Ridge Park August 13

Members of Dept. 2300, Chemical Research; and Dept. 2270 Mechanical Service Laboratory, and their families enjoyed a picnic at Big Ridge Park, Saturday, August 13.

Everyone participated in a pentathlon which consisted of penny pitching, darts, horseshoes, croquet and ball bouncing. Prizes were awarded to high scorers for both men and women. The winners among the women were Mrs. F. L. Daley, Sue McKinnon and Mrs. G. H. Clewett, while Mike Susano, Bill Ward and Ted Higgins achieved honors among the men. Kendall Brady chalked up high score for boys under 15.

Officials Have Tough Decisions

The group was entertained with an exhibition softball game between the All Stars and Up Starts. After some difficult decisions by the officials, Jim Robinson and C. D. Susano, the All Stars triumphed, 20 to 3. Margaret O'Neal started on the mound for the Up Starts and was relieved in about the third inning by Warren Grimes, but the slaughter continued. Tilson pitched for the winners and weakened only slightly in the latter stages of the game. He was caught by Twitchell, who was relieved by George Marrow in the fifth. Peterson was a real "Fancy Dan" on first base, handling the wide throws which invariably came his way. The barefooted Hindu outfielders of the Up

Starts had considerable difficulty running through the brier patches chasing balls which were passing overhead all afternoon.

Manager Brown Is Upset

The Up Starts feel that the absence of their inimitable manager, Keith "Leo the Lion" Brown, was directly responsible for their impotent attack and shoddy defense. When interviewed on his return from someplace Brown revealed that shoes and jet planes will be supplied to the outfielders for use in their next game.

Paul Petretzky, of the All Stars, set two world's records in hitting home runs in a six-inning game. He got three home runs in the game, two of which came in the third inning. The umpiring was strictly of major (?) league quality. The score keeper recorded the score as 20 to 3, but the All Stars expressed some doubt as to his ability to count beyond 20.

All this activity was followed by a picnic lunch at which time attendance prizes were awarded to Sue McKinnon and Bob Lowrie.

Question on recent examination paper: "If the president of the United States died, who would get the job?"

Little Joe's answer: "A Democratic undertaker."

Traffic Deaths Drop; Injuries Rise In 1948

Motor vehicle fatalities dropped one per cent in 1948 from the previous year, but injuries from accidents involving motor vehicles rose eight per cent in the same time, it is pointed out by The Travelers Insurance Companies' 1949 book of street and highway accident data.

The 1948 death toll from highway accidents was 32,200 compared to 32,500 the year before. However, the injury total was 1,471,000 compared to 1,365,000 in 1947. The increase in injuries was declared alarming as it was held to indicate a trend toward complacency after it was noted that deaths showed a decrease.

Most of the fatalities in 1948 were the result of a pedestrian being struck by a motor vehicle, the 10,240 deaths so listed being 31.8 per cent of the total fatalities. Close behind were deaths resulting from collisions of automobiles with 9,710 being recorded, a percentage of 30.1. Pedestrians injured took a big jump in 1948 from 1947, the figures being 332,300 to 184,440. However, persons injured in automobile collisions dropped from 838,650 in 1947 to 768,670 in 1948.

Man's most pitiful weakness is his desire to get something for nothing.

59462



Y-12 Photos By Vince Moore

EFFICIENTLY "TREATING" A PATIENT IS A FIRST AID TEAM FROM THE Y-12 FIRE DEPARTMENT, shown in the picture at the left. The "patient" is C. F. Christie and the simulated treatment is for a broken neck. Clockwise around the picture are team members C. J. Marrow, C. C. Ruckart, J. C. Hastings, T. P. Pride, T. B. Croley, Capt. C. S. Huffman, F. A. Hyatt and J. A. Stewart. So intent were the first aiders in their work during the taking of the picture at the left that the faces of several were not shown. Therefore to reveal the identity of the firemen the picture at the right is published to show "patient" Christie in front and Marrow, Hyatt and Stewart kneeling immediately behind him with Captain Huffman, Hastings, Ruckart, Croley and Pride standing.



Y-12 Photos By Vince Moore

Chess Team Of Y-12 Draws Another Blank In Matches

The Y-12 chess team was handicapped by the absence of two of their top players in matches against K-25 August 15 and for the third straight week the Y-12 representatives were blanked. W. M. Leaders and K. A. Allen were on vacation at the time.

In matches played C. F. Coleman, D. J. Crouse, D. G. Hill, D. F. Musser and R. D. Smith lost to Mills, Somers, Hutton, Kuehn and Mes-

servey.

In league play Fairchild is on top with 22.5 wins and 12.5 losses. The "B" team of the Oak Ridge National Laboratory is second with 21 and 14 and the Independents are third with 20.5 and 14.5. The K-25 chessmen are fourth with a 17 and 18 record and ORNL's "A" team is next with 16 and 19. The Y-12 team brings up the rear with an eight and 27 record.

**CARBIDE AND CARBON
CHEMICALS CORPORATION**
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SPORTS NEWS IN Y-12

Outcome Of Second Half In Plant League Softball Race, Tourney Dates Depended On Week-End Tilts

There is not much use writing about the status quo of the Y-12 plant softball league as of the distribution date of The Y-12 Bulletin this week. Postponed games from last Wednesday and contests scheduled Monday night probably would settle the entire second half of the season race.

the Bums had a full game lead over the Rippers and All Americans, tied for second place. Each team had two more games to play under the schedule and if J. Pluvius held off operations, something was bound to happen over the week end.

Incidentally, the entire competition during the season of the plant league this year has been exceptional.

Even during vacation periods, teams managed to field full personnel in most cases. Few serious disputes have arisen, and those that have arisen only because of the intense team spirits. Naturally, everybody wanted to win.

Sportsmanship Is Outstanding

However, the outstanding feature of the season's play has been the sportsmanship exhibited. The players have been out to win, and they also have been gentlemen. Naturally, there have been "beefs" on close decisions, but for the most part no hard feelings have been held. That is a great tribute to the personnel of Y-12 participating in these games.

Recreation Office plans for the conclusion of the season called for completion of the regular season championship before the post-season double-elimination tournament. This tournament is scheduled to start next Monday, August 29, if the regular league championship is decided before that date.

A tournament meeting has been called for 10 a.m., tomorrow, August 24, at the Recreation Office, North Portal. Purpose of the meeting is to draw up plans for the double elimination tourney which begins August 29.

Information At Recreation Office

Because of the indefinite situation existing last week, managers of the league teams are requested to communicate with the Y-12 Recreation Office, North Portal, telephone 7-8252, for definite information regarding play-off and tournament dates.

Fans who missed games played Monday night, August 15, missed some of the most exciting action of the season. The longest tilt of the season saw the All Stars whip the Bums in a 12-inning scramble by eight runs in the last inning. The Rippers, first half of the season winners, desperately trying to tie up the race, dropped a 5 to 3 decision to the lowly Isotopes as both teams staged a last-inning flurry. Then another of those wild games was staged by Bldg. 9212 and the All Americans in which the lower standing team rose up to score nine runs in the last frame to post a 16 to 15 victory.

See what we mean by close competition?

Congratulations For All

Whatever the outcome of the league race or the tournament—congratulations are in order for the entire league organization—players, league officials and the Y-12 Recreation Office that has directed play throughout the season.

Here are the line scores of games played August 15 and the league standing after that date:

Team	R	H	E
Rippers	0	0	1
Isotopes	0	0	0
Batteries: Rippers, Noe and Lowery, Rallis (7), Isotopes, Darby and Frazier.			
Team	R	H	E
Bums	0	0	0
All Stars	0	1	0
Batteries: Bums, Wa'ton and Brown. All Stars, Sise and dTwitchell.			
Team	R	H	E
Bldg. 9212	0	0	6
All Americans	5	0	4
Batteries: Bldg. 9212, J. Barker and Wright. All Americans, Ross and Boatman.			

Team	W	L	Team	W	L
Bums	7	2	All Stars	5	4
Rippers	6	3	Bldg. 9212	4	5
All Americans	6	3	Isotopes	3	6

Little Lula says—A sensible girl isn't as sensible as she looks, because a sensible girl has more sense than to look sensible.

If, when you are carving a chicken at the table, the fowl should slip off the platter into the lap of a guest, don't lose your poise—be very courteous, smile and say, "May I trouble you for that chicken?"

Y-12 Sail Boaters Set For Contests

Several Y-12 sail boat enthusiasts will engage in races sponsored by the Oak Ridge Power Squadron scheduled to begin at Concord on Fort Loudoun Lake Saturday, August 27. The races are set to start at 3 o'clock.

Sunray type boats owned by George Lockhart and George Nessler will compete in a class by themselves with similar boats owned by George Lockhart and George Nessler will compete in a class by themselves with similar boats owned by other Carbide employees. The winner will be awarded the John Angele Trophy, presented by G. J. Angele, of Y-12, in honor of his late father.

G. J. Angele and Frances Angele, of Y-12, are entered in the free-for-all sail race. Mrs. Gilliam is sailing a 16-foot Comet type craft while Angele will pilot an 18-foot Sea Gull boat.

The racing program provides for a series of five events, tentatively scheduled for each Saturday after the opening contests, with the Labor Day holiday omitted. That will bring the second round on September 10 and following events on successive Saturdays, weather permitting.

Plant Absenteeism Again Shows Drop

(Continued from Page 1)

the week ending August 14, by departments, follows:

MAJOR LEAGUE			
Dept.	Percentage Absent	Standing	8-14-49 8-7-49
2014	0.7	1	1
2360	1.1	2	2
2283	1.15	3	6
2320	1.21	4	3
2003	1.5	5	5
2077	1.8	6	1
2091	2.8	7	4
2616	3.0	8	11
2300	3.27	9	10
2015	3.30	10	8
2282	4.26	11	7
2142	4.33	12	9

Group absentee percentage was 2.3 per cent, .4 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	Percentage Absent	Standing	8-14-49 8-7-49
2009	0.0	1	1
2107	0.0	1	1
2002	0.0	1	1
2739	0.0	1	2
2005	0.0	1	4
2096	0.0	1	13
2743	0.7	2	8
2093	0.8	3	1
2140	1.25	4	7
2090	1.33	5	11
2200	2.1	6	9
2619	2.4	7	5
2109	2.66	8	10
2133	2.70	9	1
2060	3.1	10	1
2008	4.8	11	6
2143	6.3	12	3
2270	11.1	13	12

Group absentee percentage was 2.3 per cent, .2 per cent lower than the preceding week.

The plant average for the week ending August 14 was 2.5 per cent, .3 per cent lower than the preceding week.

SAFE HABITS BENEFICIAL

Good housekeeping means safe housekeeping, both at home and at work. It is easy to prevent accidents when safe habits are developed. Remove hazards and make repairs before something happens.

MACHINE AGE HERE

Reliable estimates say there are about 3,000,000 coin-operated vending machines in the country, outside of coin-telephones and parcel lockers.



5-9484
Y-12 Photos By Vince Moore
HERE ARE THE CHAMPS IN THE Y-12 PLANT GOLF TOURNAMENT, PLAYED RECENTLY at the Oak Ridge Golf and Country Club, shown with the trophies awarded for their feats. From left are Don Matlock, fifth flight winner; George Nessler, winner of the third flight; J. Clyde Bowles, plant champion and medalist with a low score of 82 who won a statuette trophy for the first accomplishment and a plaque for the latter; Leo Caldwell, tops in the second flight; and Ken Adkins, fourth flight victor.

Rough, Tough Injun Stick Ball Game Set Here For September 10

Any of you Y-12 sports fans who want to see one of the fastest, most unique, roughest and toughest of games—Indian stick ball—hold open the night of Saturday, September 10.

That's when a group of Cherokee Indians from the reservation over in the North Carolina side of the Great Smoky Mountains will bring the game to Oak Ridge. It will be the first exhibition of this sport in the Atomic City.

The exhibition here will be sponsored by Atomic City Post, No. 199, American Legion. Legion officials have announced that they hope to stage the shindig in the new ball grounds being constructed in Midletown and if the field is ready dedication ceremonies will precede the competition.

Ceremonies Begin At 7 p.m.

If the dedication ceremonies are to be held, they will begin at 7 p.m. and the stick ball game will begin at 8 p.m. If the new field is not ready for competition, the game will be played in the Gamble Valley ball park. Legion spokesmen said they hoped to have a definite announcement on the matter this week. If the Saturday night proceedings are hampered by rain, they will be staged Sunday night.

Those who have seen the Indians play stick ball describe the fracas as tops in mayhem, assault and battery and minor manslaughter. Few rules govern the contest, and many of the regulations are made as the game progresses. Generally, the idea is to propel or carry a small ball across the goal line of the opposing team, which is a knobbed stick, from which the game gained its name, is just one of the methods used. A player may carry the ball in his hand—or mouth, if desired—and then is subject to any degree of attack by the defense to obtain surrender of the sphere.

Arrive Saturday Morning

The Cherokee Indians composing the teams will arrive in Oak Ridge early Saturday morning and will appear in the more frequented Oak Ridge centers during the day to see and be seen by curious Oak Ridgers—meaning of course, the youngsters. It is suggested, however, that so-called "Injun talk" such as "You got wampum?" or other mumbo-jumbo be avoided—as some of the Indians in the reservation who may make the trip here are university graduates who might reply—

"I beg your pardon?"

Rankin Second In Women's City Net Ladder

After walking away with team honors in the Oak Ridge City League, the women tennis players of Y-12 now are competing for individual recognition in a city-wide tennis ladder being conducted by about 30 feminine racqueteers in the Atomic City. Play in the ladder competition will continue indefinitely, it is announced, with the usual ladder competition rules being in effect; that is challenges may be made by any player to another not more than two rungs above in the rankings.

At press time of The Y-12 Bulletin last week, Mozelle Rankin, of Y-12, was No. 2 on the city ladder. Elizabeth Patrick held down the No. 5 spot and Heien Burkhalter was No. 15. If the Y-12 players show the form exhibited in league matches quite a few of them should be among the leaders when the competition ends.

The Y-12 men netters were not as fortunate as the girls on the courts during the season and finished last in regular league play. Oak Ridge National Laboratory took top honors, trailed by the Atomic Energy Commission and K-25.

However, in the city ladder play for men, Mal Wallis, of Y-12, was ranked fifth last week and Hurst was in No. 18 spot.

BOWLING PRACTICE THURSDAY NIGHT

All candidates for the Y-12 varsity bowling team are requested to show up at 8 o'clock, Thursday night, at the Oak Terrace Alley for another practice session.

Plant Varsity Softies Eye City Tournament

The Y-12 varsity softball team is looking forward to the city-wide Class B tournament scheduled to start during the week of August 29. All Class B teams in the city, including the Recreation League, church and all plant league teams will participate in the tournament.

As of last Thursday, the Y-12 softies led the Recreation League with three wins and no losses. The team had two make-up games against the Moose and National Guard to play before the second half of the season was completed. The Y-12ers won the first half of the season with five wins and no losses.

In the Class A softball tournament, the Y-12ers gave a good account of themselves by winning two games against two losses. They lost their final tournament game to K-25 by the score of 6 to 5.

Crap Shooters Lose Dough—And Pants

No. 6 - Crap Shooters

Some 20 abashed crap shooters in West Tennessee recently related to officers in Trenton, Tenn., how four masked bandits scooped up between \$7,000 and \$12,000 and herded the chagrined gamblers into some shrubbery—minus clothing. Officers began an investigation and search for the four bandits who were armed with pistols and a sawed-off shotgun.

'Moon Ship' Trip Is Being Planned

No. 6 - Moon Ship

A "moon ship" now is being designed by the Canadian Rocket Society for a rocket trip to the moon with possibly side trips to other celestial body, according to a recent news story. The journey is being planned for "about 1960," says Boris Dyke, vice president of the society and coordinator for a group of scientists and engineers connected with the project. The "moon ship," he said, would be in the shape of a gun projectile, too feet long and 50 feet in diameter and weighing more than 1,000 tons when fully manned, fueled and stocked with provisions.